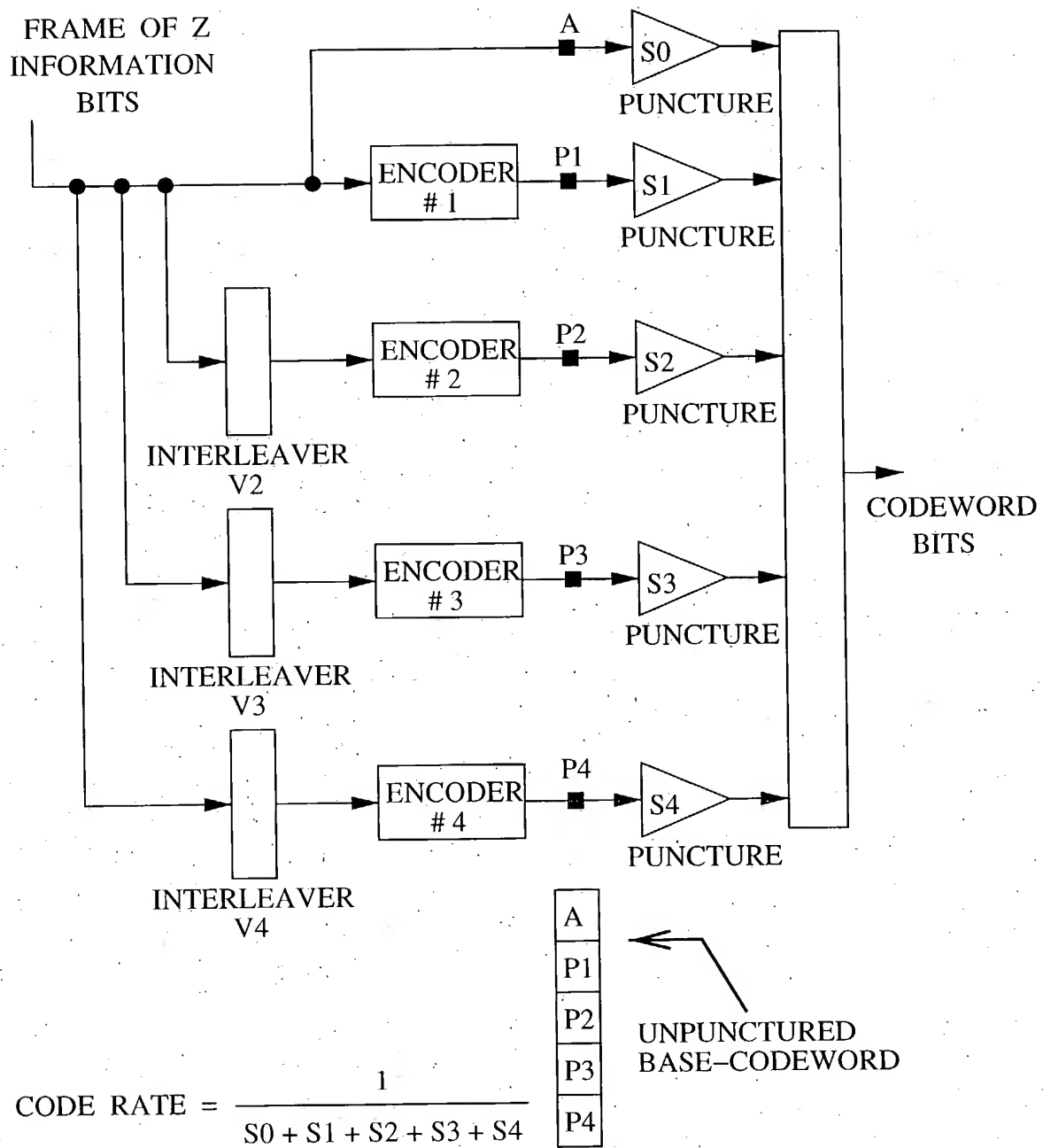


ENCODER FOR A 4-PARALLEL PCCC



(PRIOR ART)

FIG. 1

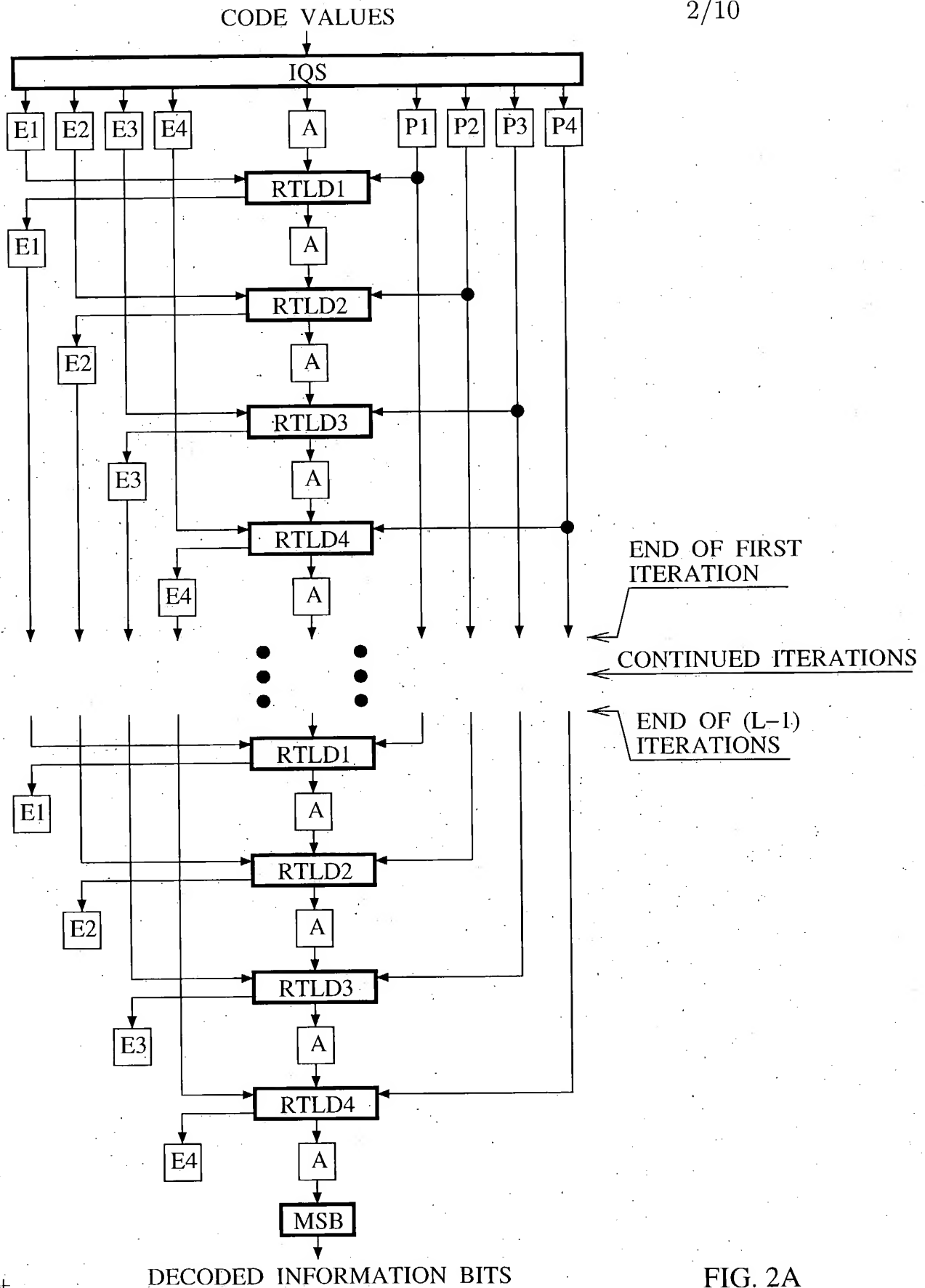
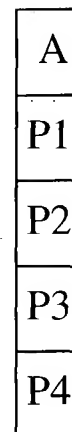


FIG. 2A

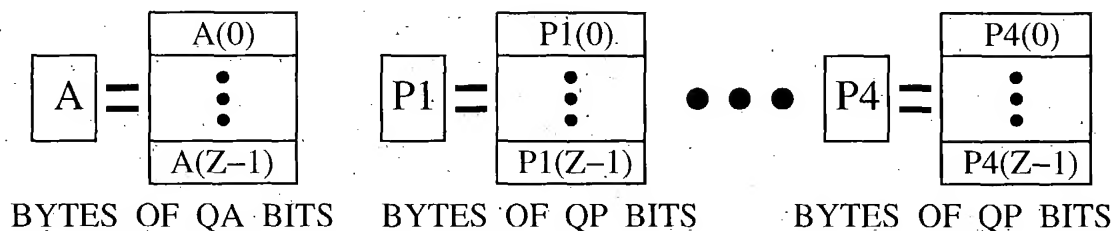
NOTATION

THE BASE-CODEWORD CONSISTS OF ALL
PUNCTURED AND UNPUNCTURED CODE SYMBOLS.

PARTITIONING OF BASE - CODEWORD
INTO VECTOR-PARAMETERS.



VECTOR-PARAMETERS CONTAIN Z PARAMETERS.
EACH PARAMETER CONTAINS A BINARY BYTE OF DATA.



ADDITIONAL VECTOR-PARAMETERS IN DECODING METHOD.

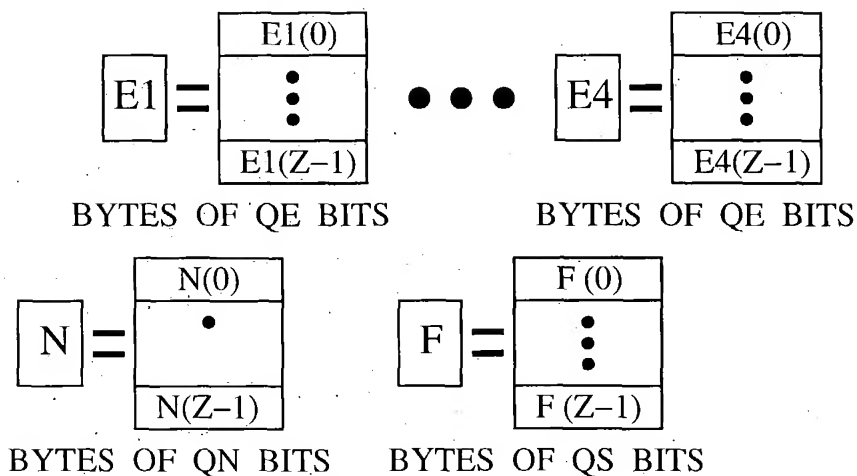


FIG. 2B

+

+

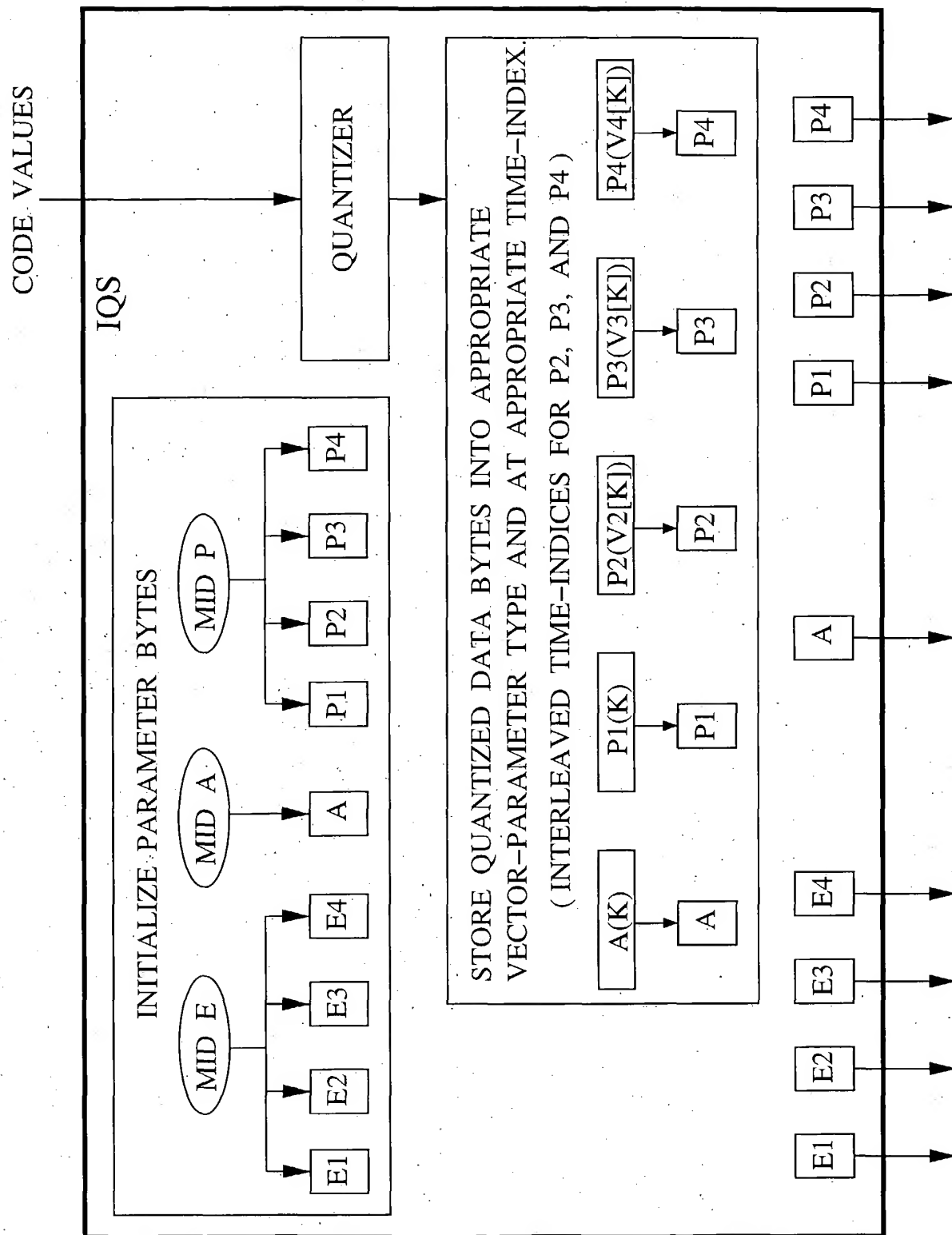


FIG. 2C

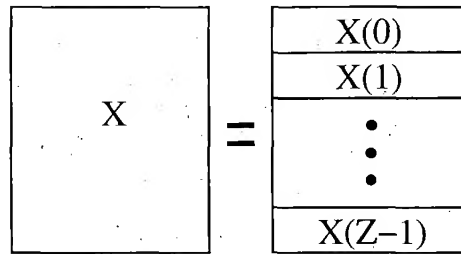
+

+

LET X REPRESENT THE VECTOR-PARAMETERS:

A, E1, E2, E3, E4, P1, P2, P3, P4, N, F.

NOTATION FOR SEQUENTIAL TIME-INDEX ORDERING.



FOR INTERLEAVERS V2, V3, AND V4,

NOTATION FOR INTERLEAVED TIME-INDEX ORDERINGS.

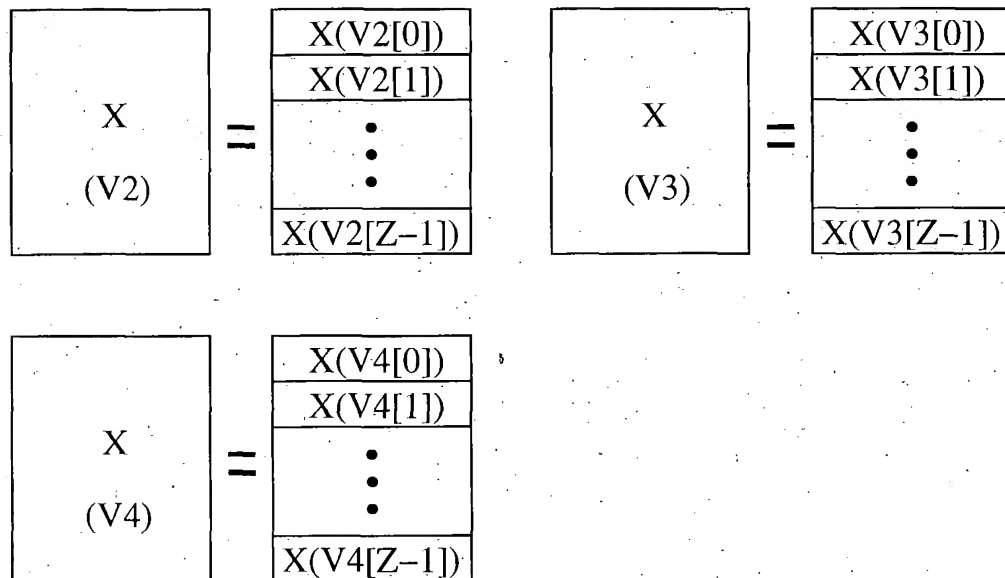
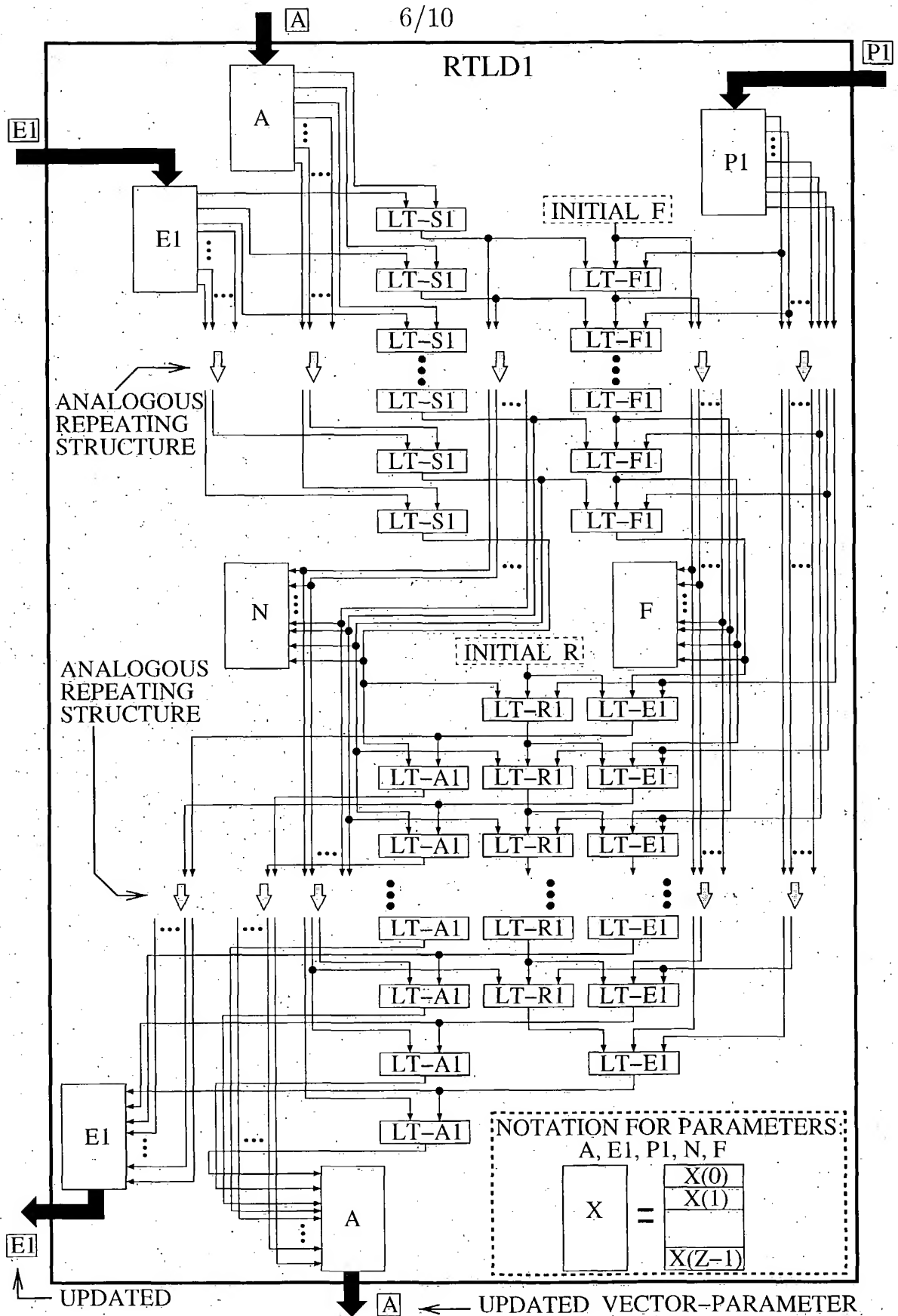


FIG. 2D



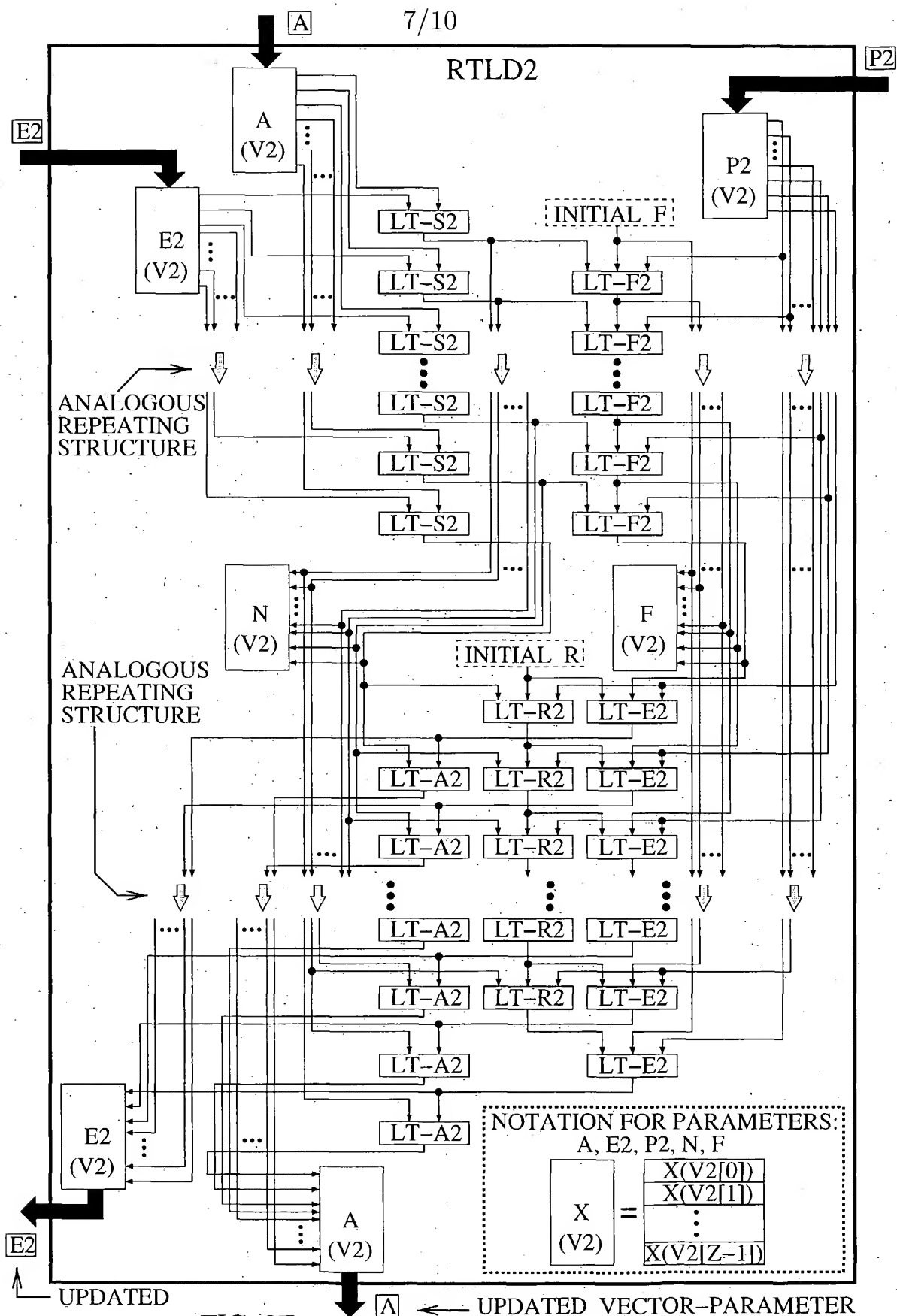


FIG. 2F

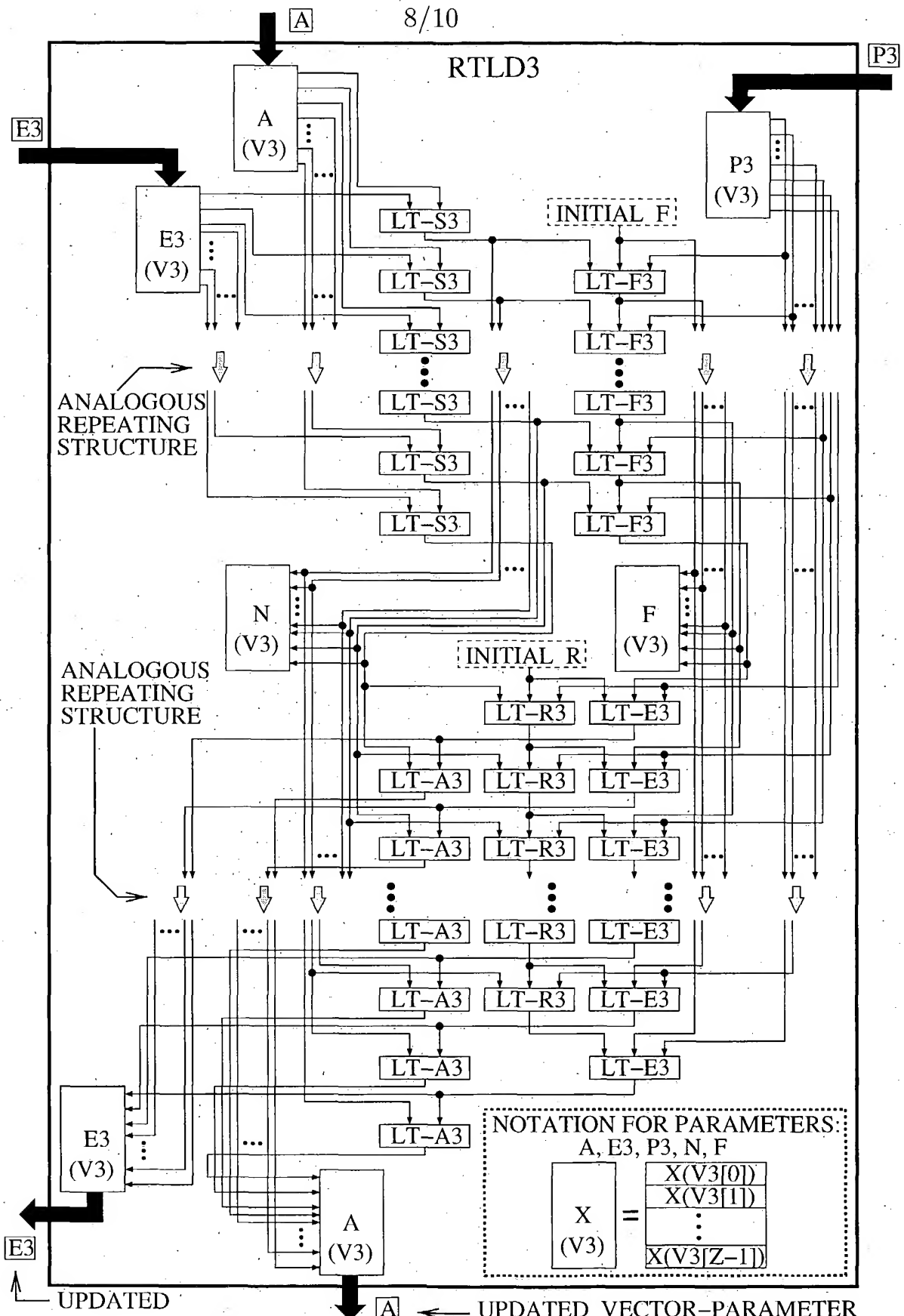


FIG. 2G

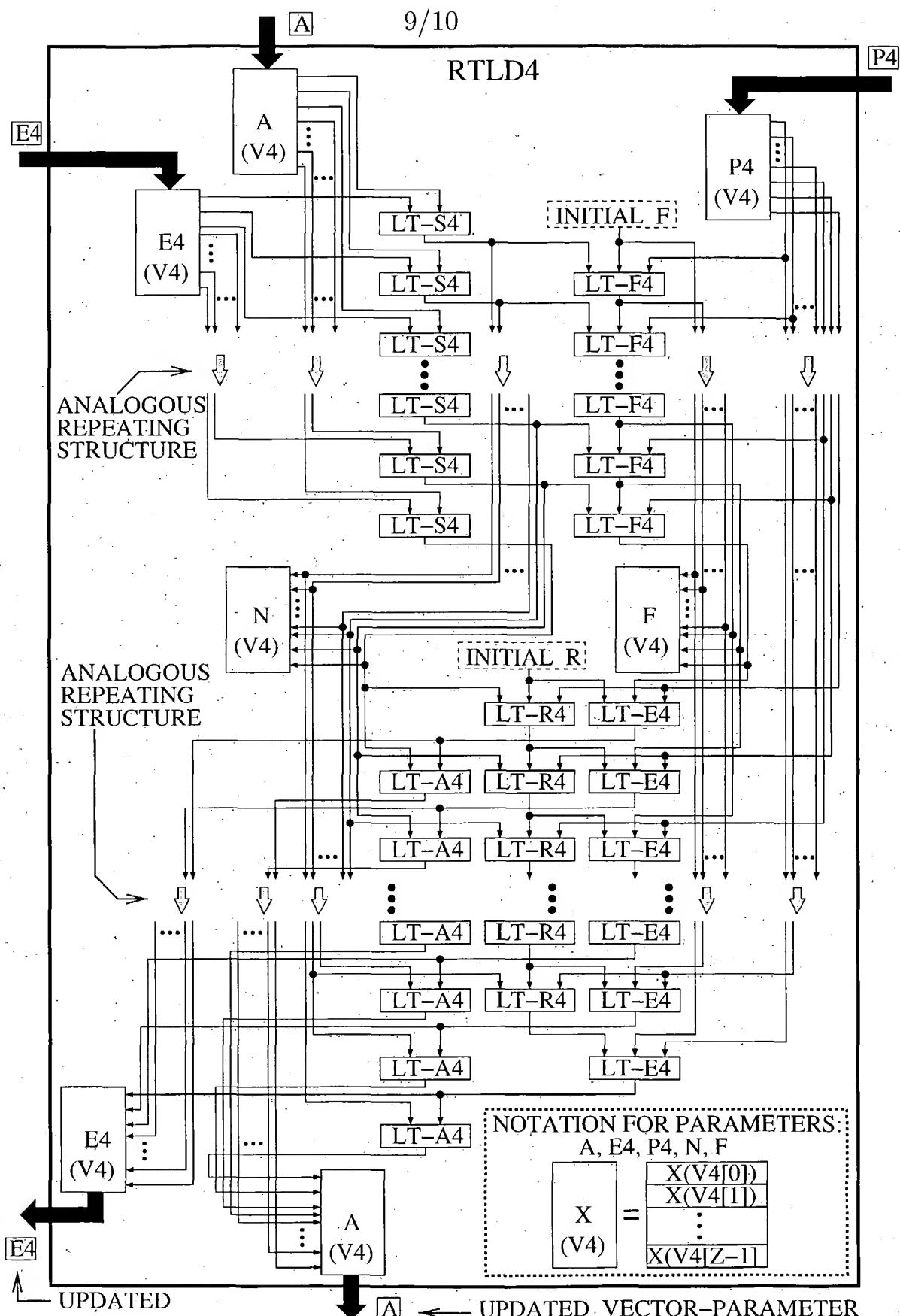


FIG. 2H

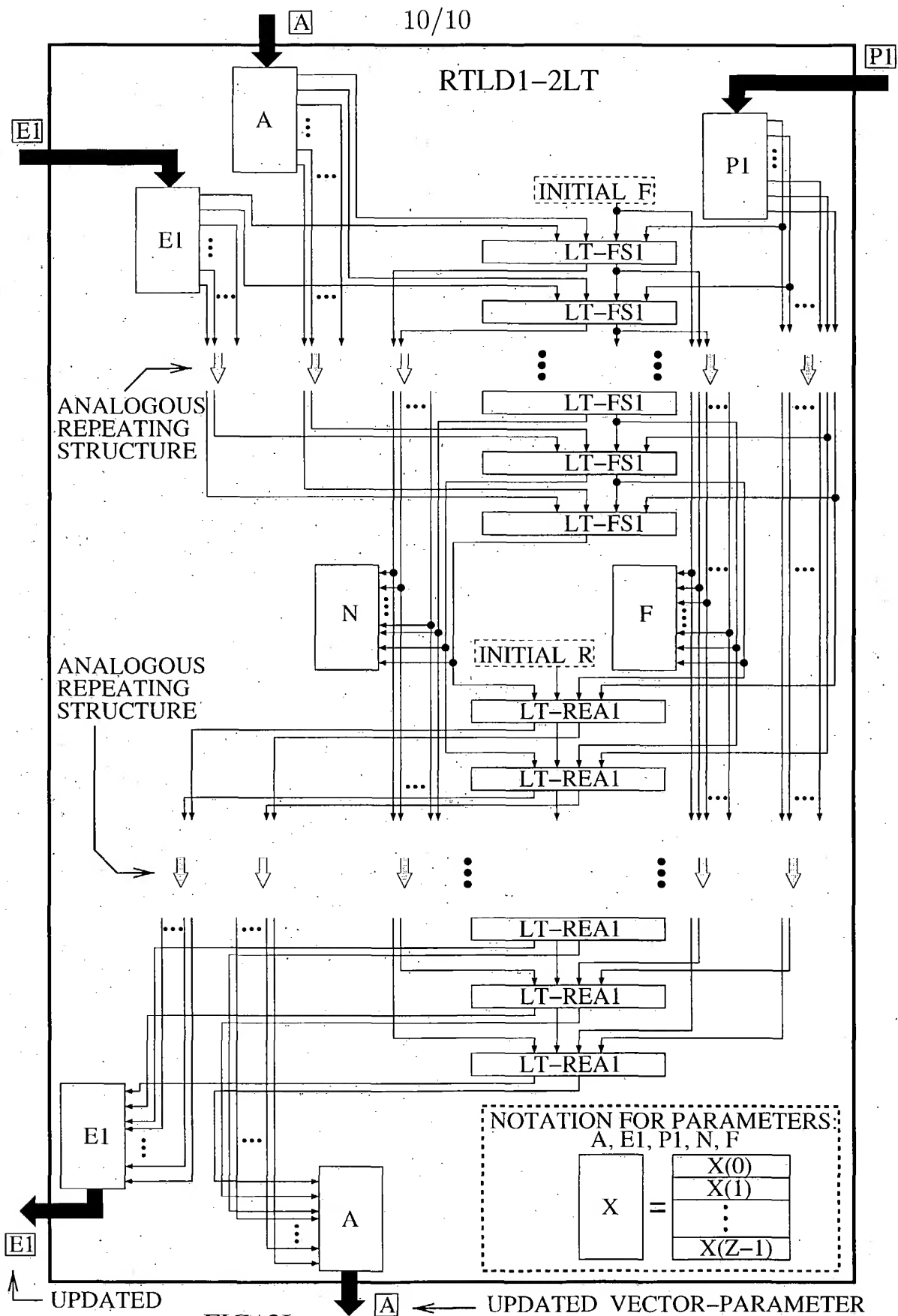


FIG. 2I